

W6IFE San Bernardino Microwave Society Newsletter

W6IFE Newsletter

President Jeff Fort **KN6VR** 2019 Hunter Rd Chino Hills, CA 91709 714-577-0045 jlfort@west.raytheon.com

VP Dick Bremer, **WB6DNX** 1664 Holly St. Brea, CA 92621 714-529-2800 rabremer@juno.com

Recording Sec Mel Swanberg **WA6JBD** 231 E Alessandro Blvd Riverside, CA 92508 909-369-6515 swanberg@pe.net

Corresponding Sec Kurt Geitner **K6RRA** 213 Main St. #5 Seal Beach, CA 90740 310-718-4910 ka6rra@gte.net

Treasurer Dick Kolbly **K6HLJ** 26335 Community Barstow, CA 92311 760-253-2477 rkolbly@compuserve.com

Editor Bill Burns **WA6QYR** 247 Rebel Rd Ridgecrest, CA 93555 760-375-8566 bburns@ridgecrest.ca.us

ARRL Interface Frank Kelly **WB6CWN** 1111 Rancho Conejo Blvd. #501 Newbury Park, CA 91320 805-499-8047 fk@event1.com

FCC Interface Dave Laag **K6OW** 11614 Indian St. Moreno Valley, CA 92557 909-924-1517

W6IFE License Trustee Ed Munn **W6OYJ** 6255 Radcliffe Dr. San Diego, CA 92122 619-453-4563 edmun@compuserve.com

The 1 **July 1999** meeting of the SBMS will have Derek, KN6TD talk about his plans for a 10 GHz digital repeater. The SBMS meets at the American Legion Hall 1024 Main Street (south of the 91 freeway in Corona, CA at 1900 hours local time on the first Thursday of each month..

Last meeting had Jeff, KN6VR talk about and X-Band radar transverter to L-band IF. This was the start of Jeff's plan to talk about how transverters are constructed and some of the things to think about when doing so. Derek's talk on the 10 GHz repeater was delayed until July. Doug, K6JEY agreed to talk in August on sine adders and noise figure. 23 people present.

The last Saturday in July (31st) [following TRW swapmeet] will be another picnic/ rig measuring event at the Costa Mesa park (Fairview Park) from 11 to 3. This will be another join SBMS and San Diego Microwave Group adventure. See enclosed map.

Scheduling-

July 31 picnic-- antenna/rig tune up

Aug. 5 Doug, K6JEY sine adders and noise figure

Aug. 21-22 ARRL 10 GHz and Up contest 1st half

Sept. 2 TBD

Oct. 7 TBD

Jeff, KN6VR is looking for someone to help with a series of tech talks on transverters pieces.

Wants and Gots for Sale

Free- 4 ft fiberglass dish and radome (was on 12 GHz). Pick up in Brea Dick WB6DNX 714-529-2800

Wanted WR-42 waveguide switch Dave Glawson, WA6CGR 909-612-5888

Want 10 GHz LO brick Frank WB6CWN fk@event1.com 805-443-2902

Want Yaesu 1.2 GHz module for FT736R John KJ6HZ 714-761-0242

Wants parts for 3.6 GHz Ken WB6DTA 818-848-9059

For Sale IC-551D Ed K6ODV 909-689-9026

If you need a badge, contact Treasurer Dick Kolbly K6HIJ 26335 Community Barstow, CA 92311 760-253-2477 rkolbly@compuserve.com.

Your mail label indicates your call followed by when your dues are due. Dues can be sent to the treasurer Dick Kolbly K6HIJ 26335 Community Barstow, CA 92311 760-253-2477 rkolbly@compuserve.com.

Activity reported at the June SBMS meeting- Dick, WB6DNX is still working on some 2 GHz rigs; Ed, K6ODV has his 2 GHz rig ready to go; Dick, K6HIJ is working on the design of a 24 GHz waveguide switch; Paul, WB6GHK is working on a GPS based reference oscillator; Matt KE6ALM is working on some patch antennas for GPS; Kurt, K6RRA did some 10 GHz gunnplexer work; Jack, N6XQ is getting ready for the June contest in DM11; Allan, W6CPL took his dishes down for a new roof; Doug, K6JEY did some torch work on a 10 GHz feed and picked up some 47 GHz modules (Phillips) for \$100 a pair 4x multipliers from Electro Mavin (Bob Averbach) 2985 E. Harcourt St. Compton, CA 90221 310-632-9867 1-800-421-2442 email bob@mavin.com; Mel, WB6JBD worked on some filters for 47 GHz power supplies; Ken, WB6DTA will have 900, 1.2 and 2.3 GHz in DM22 Glamas for contest; Bob, W6SYA cleaned up his 1.2 and 2.3 GHz rigs; Al, K6LJM got his 10 GHz rig ready; Bill, WA6QYR worked with Chuck on some 24 GHz antenna measurements; Chuck, WA6EXV did some comparison of the Direct TV dish with the Prime Star and the 18 inch DSS dishes at 24 GHz, continued his 60 KHz receiver work which is having bad propagation during the summer months, and is working on a 2 stage 2 GHz power amplifier (200 Mw in/ 17 w out); Dave, WA6CGR did some 10 GHz radio checks and is looking for some other microwave band projects (3, 5, ? GHz) to help populate the bands; Robin, WA6CDR reported that the 1 May SCRRBA meeting on 20 KHz 440 band spacing was successful with a unanimous vote. Having over 80% of the US users of the 440-450 MHz band in California and some 600 users of 200 channels in SOCA the meeting was expected to be a war for a full day. It turned out to be a 4 hour meeting which came to a quick conclusion for the existing equipment available to amateurs. Basically the radios on .25 will move to .20, those on .50 move to .40, a new "channel" at .60 appears, those at .75 move to .80. All this will happen before fall 99. A lot of it has switched already.